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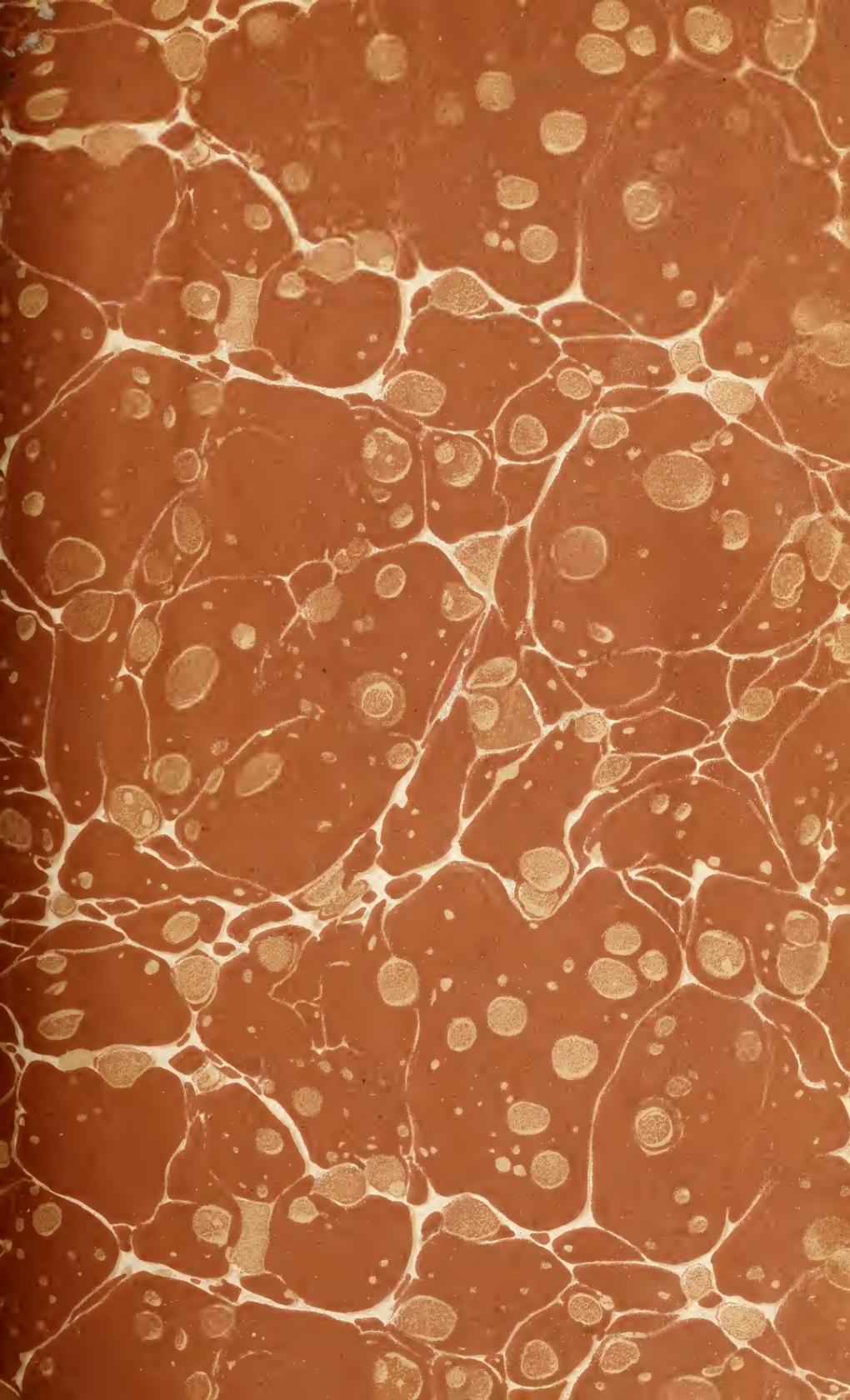
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United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, Chief of Bureau.

SERVICE ANNOUNCEMENTS.

WASHINGTON, D. C., JANUARY 15, 1908.

[This publication is designed to disseminate information and instructions to persons in the service of the Bureau of Animal Industry. A supply will be sent to each official in charge of a station or branch of the service, who should promptly distribute copies to all members of his force. A file should be kept at each station for reference.]

INSTRUCTIONS CONCERNING MEAT INSPECTION.

Actinomycotic Beef Tongues.

It has been shown that the preferred location of the primary lesion of actinomycosis upon the tongues of cattle is in the transverse furrow just anterior to the elevation upon the dorsum of the organ, and microscopic examination of a number of beef tongues showing erosions at this point has demonstrated the presence of actinomyces fungi in 45 per cent of them, yet without causing hardening of the tongue or serious extension of inflammation.

Inasmuch as such an examination of all these affections for their exact nature or for confirmation of diagnosis is impracticable, and requests having been made for instructions as to the disposition of the tongues in such cases, it has been decided that if no characteristic ulceration and induration are present, and there is no lymph gland involvement, and no abscess formation is observed, there can be no rational cause for the entire condemnation of such food products. After the removal of the abrasions, the remainder of the organ may therefore be passed for food.

PLACARDS FOR INFECTIOUS PENS.

Within a few days there will be forwarded to each station where yard inspection of live stock is maintained a supply of placards (I. D. Form 57G) for use in designating infectious pens. When it is known to a Bureau employee that a pen or yard has contained live stock of any kind affected with a contagious or infectious disease, one of these placards should be immediately tacked on each gate of such inclosure, and should remain there until the pen or yard has been properly cleaned and disinfected in accordance with the provisions of B. A. I. Order 143.

FOOT ROT OF SHEEP.

There seems to have been considerable variation in the past in the methods of handling sheep that are found to be affected with foot rot at the time of their inspection

for interstate shipment under the regulations of the Department. This lack of uniformity is doubtless due to the fact that some inspectors either do not recognize the disease at all, or, recognizing it, fail to regard it properly as a contagious, infectious, or communicable disease within the meaning of the act of Congress approved May 29, 1884, which prohibits the interstate movement of live stock known to be infected with any such disease.

It should therefore be remembered that sheep known to be affected with foot rot should not be permitted to be shipped interstate until they have been properly treated. If, at destination, sheep are found to be affected with this disease, the cars in which they were shipped and the pens, alleys, and chutes through which they have passed should be thoroughly cleaned and disinfected as specified for premises which have been occupied by sheep affected with scabies.

Investigation of this disease in the laboratories of the Bureau has shown that it is readily transmissible in many of its forms from one sheep to another; but as many forms of lameness that are not contagious will be found among sheep, inspectors should inform themselves with regard to the nature of foot rot in order that they may be able to recognize it. Bureau employees interested are therefore referred to the Bureau's publications on this disease, in which tests made with the *Bacillus necrophorus*, the causative agent, are described. These publications are Bulletin 63, a condensation of the same in the Twenty-first Annual Report, and a reprint of the latter article as Circular 94. Many employees no doubt already have one or more of these publications. Circular 94 will be sent on request, but the Bureau can not supply Bulletin 63. The latter may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 10 cents.

INSPECTION AND MALLEIN TESTING OF HORSES FOR CANADA.

The following additions have been made to the list of practicing veterinarians registered by the Bureau and authorized to inspect and test with mallein horses for exportation to Canada:

Dr. William F. Egan, 1117 Golden Gate avenue, San Francisco, Cal.

Dr. A. R. Ward, care Agricultural Experiment Station, Berkeley, Cal.

LEAVE OF ABSENCE WITHOUT PAY.

The attention of inspectors and others in charge is called to General Order No. 100 of the Secretary of Agriculture, dated July 27, 1906, which reads as follows:

In the United States Department of Agriculture no leave of absence without pay will hereafter be granted for a longer period than three months, except in special and peculiar cases, and no furlough without pay or leave of absence without pay shall continue in force and effect for a longer period than one year from the date of the commencement thereof.

INSTRUCTIONS CONCERNING CORRESPONDENCE AND FILES.

Additional Subjects for Letter Files.

Numerical List.

- 463. Seals, use of, on meat products.
- 464. Pennsylvania, Texas fever in.
- 465. Chitterlings, use of, for food.
- 466. Tripe.
- 467. Cracklings.
- 468. Mince meat.

Alphabetical List.

- 465. Chitterlings, use of, for food.
- 467. Cracklings.
- 468. Mince meat.
- 464. Pennsylvania, Texas fever in.
- 463. Seals, use of, on meat products.
- 466. Tripe.

MILEAGE AND SCRIP BOOKS.

No mileage or scrip books should be secured on Government requests or purchased from private funds, for Departmental use, except on the specific written permission of the Chief of the Bureau. This order should not be understood as affecting employees to whom such permission has been granted and who are now using mileage books with the sanction of the Bureau.

PUBLICATIONS IN DECEMBER.

[Publications intended for employees are sent in bulk to inspectors in charge at the different stations, and no mailing list of individual employees is kept. Owing to the limited editions and the large number of Bureau employees, as a rule only sufficient copies are sent to supply the veterinarians. Inspectors in charge will therefore see that the veterinary inspectors are first supplied, and if more copies are received than are necessary for this purpose the excess may be distributed to others. Requests from employees for publications of value or assistance to them in the discharge of their official duties will be complied with as far as practicable. Regulations will be supplied to inspectors in charge as freely as may be required for official use.]

Circular 118. The Unsuspected but Dangerously Tuberculous Cow. By E. C. Schroeder. Pp. 19, figs. 7.

Circular 119. Notes on Experiments with Blackhead of Turkeys. By Cooper Curtice. Pp. 10.

SERVICE CHANGES IN DECEMBER.

Appointed.

Angell, Artie B., veterinary inspector, Chicago, Ill.
 Becker, Dan C., veterinary inspector, Chicago, Ill.
 Brewer, Walker A., tagger, Providence, R. I.
 Burley, Arthur J., veterinary inspector, Chicago, Ill.
 Corwin, Thomas E., veterinary inspector, Chicago, Ill.
 Davis, Fritz C., painter, Washington, D. C.
 Duffin, James, meat inspector, Bridgeport, Pa.
 Gardner, John H., jr., veterinary inspector, Chicago, Ill.
 Gerritson, William M., tagger, Chicago, Ill.
 Halverson, J. O., expert in dairy chemistry, Columbia, Mo.
 Jones, Oscar E., tagger, Toledo, Ohio.
 Kirkpatrick, William D., clerk-typewriter, South St. Joseph, Mo.
 Lamensdorf, Charles, veterinary inspector, Chicago, Ill.
 Larsen, Peter G., tagger, Chicago, Ill.
 Lincoln, George B., meat inspector, New York, N. Y.
 McConnell, Arthur, veterinary inspector, Chicago, Ill.
 McCoppin, Charles R., veterinary inspector, Chicago, Ill.
 McFarland, Joseph, meat inspector, Newark, N. J.
 McKibbin, David, veterinary inspector, San Francisco, Cal.
 Maloney, Michael J., veterinary inspector, Chicago, Ill.
 Miller, William G., tagger, National Stock Yards, Ill.
 Morgan, William R., meat inspector, Louisville, Ky.
 Morse, John H., veterinary inspector, Chicago, Ill.
 Norman, Alfred T., veterinary inspector, Chicago, Ill.
 Potteiger, Clarence R., assistant in dairy bacteriology, Washington, D. C.
 Schultz, Henry M., veterinary inspector, Chicago, Ill.
 Stratton, John H., jr., clerk-typewriter, Portland, Me.
 Taplin, Albert J. S., watchman (temporary), Washington, D. C.
 Thamann, John H., meat inspector, Richmond, Va.
 Weston, James, meat inspector, Seattle, Wash.
 Wisehart, Wilbert, tagger, Richmond, Va.]

Reinstated.

Hansen, Christian N., meat inspector, New York, N. Y.
 O'Rourke, Arthur J., stock examiner, Reno, Nev.
 Richardson, David T., meat inspector, Fort Worth, Tex.

Promoted.

Anderson, Matthew N., clerk, Washington, D. C.
 Arlitt, John L., clerk, Washington, D. C.
 Brown, Grace S., clerk, Washington, D. C.
 Colson, Charles F., veterinary inspector, Chicago, Ill.
 Corey, Charles R., clerk, Washington, D. C.
 Heacock, Clyde C., veterinary inspector, Albuquerque, N. Mex.
 Henderson, Alice, clerk, Washington, D. C.
 Hickey, Edward J., clerk, Washington, D. C.
 Mahood, William T., patrol tagger, National Stock Yards, Ill.
 Morin, C. L., veterinary inspector, St. Albans, Vt.
 Paine, Phelps, clerk, South St. Joseph, Mo.
 Perry, Clarence A., clerk (bookkeeper), Washington, D. C.
 Potter, Hervey T., veterinary inspector, Calais, Me.
 Scribner, Leroy, clerk, Washington, D. C.
 Simonton, Lawrence J., clerk, Washington, D. C.
 Stein, Simon B., clerk, Washington, D. C.

Transferred within the Bureau Service.

Alcutt, Clemons T., meat inspector, Hutchinson, Kans., to Cedar Rapids, Iowa.
 Anders, Thomas O., veterinary inspector, Cleveland, Ohio, to Kansas City, Kans. (field).
 Arnold, Thomas F., veterinary inspector (temporary), Chicago, Ill., to St. Louis, Mo.
 Avey, Jesse J., meat inspector, Fort Worth, Tex., to Kansas City, Kans.
 Bailey, Isaiah H., meat inspector, Chicago, Ill., to Philadelphia, Pa.
 Baldwin, Charles R., veterinary inspector, Ottumwa, Iowa, to Brooklyn, N. Y.
 Barr, Albert C., veterinary inspector, Cincinnati, Ohio, to Kansas City, Kans.
 Bracken, William J., veterinary inspector, Bismarck, N. Dak., to South St. Paul, Minn.
 Burchill, George D., meat inspector, Providence, R. I., to Brightwood, Mass.
 Cartmill, Lewis J., meat inspector, St. Louis, Mo., to Houston, Tex.
 Casserly, Timothy, meat inspector, Fort Worth, Tex., to Baltimore, Md.
 Conley, Charles C., veterinary inspector, Boston, Mass., to New York, N. Y. (meat inspection).
 Crawford, John W., meat inspector, Fort Madison, Iowa, to Chicago, Ill.
 Crayne, C. E., meat inspector, Reno, Nev., to Kansas City, Kans.
 Doyle, J. C., meat inspector, Kansas City, Kans., to Seattle, Wash.
 Edwards, W. T., veterinary inspector (temporary), Chester, Pa., to Morristown, Tenn.
 Emmitt, Otto, veterinary inspector, Kansas City, Kans. (meat inspection), to Pittsburgh, Kans.
 Ferguson, Richard B., meat inspector, Whitesburg, Tenn., to Morristown, Tenn.
 Foard, William E., tagger, St. Louis, Mo., to Walla Walla, Wash.
 Franks, Joseph W., veterinary inspector, St. Louis, Mo., to Chicago, Ill.
 Gilbert, Page L., veterinary inspector, Chicago, Ill., to Ottumwa, Iowa.
 Gregory, Marvin, veterinary inspector, Cheyenne, Wyo., to Kansas City, Kans. (meat inspection).
 Haldeman, William J., tagger, New York, N. Y., to Philadelphia, Pa.

- Hale, James R., veterinary inspector, Chicago, Ill., to Toledo, Ohio.
 Hansen, Christian N., meat inspector, New York, N. Y., to Ottumwa, Iowa.
 Hobbs, Samuel P., meat inspector, Chicago, Ill., to Fort Madison, Iowa.
 Hoopman, Ludwig, meat inspector, Cleveland, Ohio, to South St. Joseph, Mo.
 Humbert, George W., meat inspector, Peoria, Ill., to Sioux City, Iowa.
 Irwin, A. N., veterinary inspector, Kansas City, Kans. (meat inspection), to Cheyenne, Wyo., in charge.
 James, Philip M., veterinary inspector, Pittsburgh, Kans., to Kansas City, Kans. (meat inspection).
 Keepers, Robert W., veterinary inspector, Chicago, Ill., to Chester, Pa.
 Keough, Timothy A., meat inspector, Philadelphia, Pa., to Chicago, Ill.
 Koen, A. R., veterinary inspector, Baltimore, Md., to Paris, Ill., in charge.
 Leahy, Timothy J., meat inspector, Denver, Colo., to South Omaha, Nebr.
 Lynn, John F., meat inspector, South Omaha, Nebr., to Denver, Colo.
 McMullen, Robert H., veterinary inspector, Chicago, Ill., to Buffalo, N. Y.
 Maxson, Rufus Y., stock examiner, Reno, Nev., to Marshalltown, Iowa.
 Miller, Harry L., meat inspector, South St. Joseph, Mo., to Cleveland, Ohio.
 Murphy, Wilbur J., veterinary inspector, Morristown, Tenn., to National Stock Yards, Ill.
 Myers, Henry H., veterinary inspector, Cincinnati, Ohio, to Cleveland, Ohio.
 Peabody, Horace C., veterinary inspector, Bismarck, N. Dak., to South St. Paul, Minn.
 Pinger, William R., meat inspector, Harrisburg, Pa., to Brooklyn, N. Y.
 Potts, Fred W., veterinary inspector, Cincinnati, Ohio, to Louisville, Ky.
 Predmore, George M., veterinary inspector, Chicago, Ill., to Waterloo, Iowa.
 Priller, Fred William, meat inspector, Richmond, Va., to Richmond, Ind.
 Riddell, Theodore W., veterinary inspector, South Omaha, Nebr., to Cleveland, Ohio.
 Selby, Charles C., meat inspector, Hutchinson, Kans., to Dayton, Ohio.
 Spraul, Edwin, meat inspector, Morristown, Tenn., to Chattanooga, Tenn.
 Stevens, Simon G., meat inspector, Bangor, Me., to Philadelphia, Pa.
 Thomas, Leslie L., meat inspector, Louisville, Ky., to South St. Joseph, Mo.
 Upton, W. L., stock examiner, Salt Lake City, Utah, to Denver, Colo. (meat inspection).
 Walch, Clemence C., veterinary inspector, Chicago, Ill., to Sioux City, Iowa.
 Watson, Michael F., meat inspector, Kansas City, Kans., to Fort Worth, Tex.
 Wright, Davis H., meat inspector, Bridgeport, Pa., to Philadelphia, Pa.
- Resigned.**
- Crewe, Wilton F., veterinary inspector, Bismarck, N. Dak.
 Feeney, John F., meat inspector, Philadelphia, Pa.
 Foyer, Eddy, tagger, Chicago, Ill.
 Gowell, Gilbert M., expert in animal husbandry, Orono, Me.
 Gray, C. E., assistant dairyman, Washington, D. C.
 McClain, J. H., agent in dairying, Knoxville, Tenn.
 Miller, T. Irving, veterinary inspector (temporary), Chicago, Ill.
 Moore, Grover E., messenger, Washington, D. C.
 Nance, Joseph E., veterinary inspector, Kansas City, Kans. (field).
 Paden, Charles W., patrol tagger, National Stock Yards, Ill.
 Reynold, McPherson, clerk, Washington, D. C.
 Rush, Clifford A., clerk, stenographer and typewriter (temporary), Kansas City, Kans. (field).
 Sullivan, Martin M., meat inspector, Newark, N. J.
 Turlington, John E., agent in tick eradication, Lynchburg, Va.
 Workheiser, Harry F. R., clerk, New York, N. Y.

Services Terminated.

Compton, Carson, agent in scabies eradication, Salt Lake City, Utah.
 Desjadon, Simon, laborer, Middlebury, Vt.
 Dorney, A. H., veterinary inspector (temporary), Philadelphia, Pa.
 Drummond, Robert H., veterinary inspector, Kansas City, Kans. (meat inspection); died.
 Dunn, Lewis J., veterinary inspector (temporary), Cleveland, Ohio.
 Dyer, Jesse A., agent in scabies eradication, Kansas City, Kans. (field).
 Eddy, C. D., carpenter (temporary), Middlebury, Vt.
 Edwards, W. T., veterinary inspector (temporary), Morristown, Tenn.
 Ellis, Walter J., agent in scabies eradication, Denver, Colo. (field).
 Gilbert, Louis C., agent in scabies eradication, Denver, Colo. (field).
 Heckart, Henderson L., agent in scabies eradication, Denver, Colo. (field).
 Hughes, James, mason (temporary), Middlebury, Vt.
 Laden, James F., veterinary inspector (temporary), New York, N. Y.
 Lee, Fred M., laborer, Middlebury, Vt.
 Lee, Walter T., laborer, Middlebury, Vt.
 Lynch, Mrs. Mary, laborer, South Omaha, Nebr.
 McLean, William C., veterinary inspector (temporary), San Francisco, Cal.
 Mabie, Thomas A., veterinary inspector (temporary), Louisville, Ky.
 Moloney, James J., veterinary inspector (temporary), New York, N. Y.
 Peck, Scott W., veterinary inspector (temporary), Denver, Colo. (field).
 Pelsue, Owen E., agent in scabies eradication, Denver, Colo. (field).
 Pratt, Ray, laborer (temporary), Middlebury, Vt.
 Rawling, William J., agent in scabies eradication, Salt Lake City, Utah.
 Reed, Samuel E., meat inspector, Washington, D. C.
 Reynolds, Bronte A., clerk, Washington, D. C. (transferred to Forest Service).
 Robertson, Andrew, veterinary inspector (temporary), Bismarck, N. Dak.
 Rockwell, Marshall H., agent in scabies eradication, Kansas City, Kans. (field).
 Ryan, William M., agent in scabies eradication, Salt Lake City, Utah.
 Sears, John, carpenter (temporary), Middlebury, Vt.
 Shenck, Samuel K., veterinary inspector (temporary), Wichita, Kans.
 Tiffany, J. B., veterinary inspector, Albuquerque, N. Mex.
 Tinkham, Frank A., agent in dairying (temporary), Jamestown Exposition.
 Tornquist, Alfred, agent in scabies eradication, Salt Lake City, Utah.
 As there is no indication that the microscopical examination of pork for shipment to foreign countries will be resumed, the appointments of the assistant microscopists have been terminated to take effect at the termination of December 31, 1907.

Removed.

Piggott, William, tagger, New York, N. Y.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief, A. D. MELVIN.

Assistant Chief, A. M. FARRINGTON.

Chief Clerk, E. B. JONES.

INSPECTION DIVISION.

Chief, RICE P. STEDDOM.

Associate Chiefs, MORRIS WOODEN, R. A. RAMSAY, and ALBERT E. BEHNKE.

Assistant: W. H. SMITH, Jr.

Meat Inspection.

Inspectors in charge.

Albert Lea, Minn., A. B. Niven, care Brundin Bros.

Allentown, Pa., W. G. Benner, care Arbogast & Bastian Co.

Alton, Ill., C. M. Day, care Illinois Packing Co.

Arkansas City, Kans., R. W. Tuck, care Henneberry & Co.

Auburn, Me., W. M. Goff, care E. W. Penley.

Auburn, Mass., F. H. Jackson, care Worcester Rendering Co.

Austin, Minn., M. O. Anderson, care George A. Hormel & Co.

Austin, Tex., F. J. Rathman, care The T. B. Walker Manufacturing Co.

Baltimore, Md., H. A. Hedrick, 215 St. Paul street.

Bangor, Me., F. L. Stevens, care S. A. Maxfield Co.

Billings, Mont., N. B. Smith, care The P. B. Merrell Co.

Binghamton, N. Y., F. E. Benjamin, care E. B. Moulthrop.

Bishop, Cal., W. C. Van Allstyne, care P. P. Keough & Co.

Boston, Mass., J. F. Ryder, 141 Milk street.

Bridgeport, Conn., J. F. Riemer, care The Hammond Co.

Bridgeport, Pa., Henry Marshall, care A. H. March Packing Co.

Brightwood, Mass., H. E. Brown, care Springfield Provision Co.

Brooklyn, N. Y., Louis Abel, 84 Broadway.

Buffalo, N. Y., B. P. Wende, room 25 Live Stock Exchange Building.

Burlington, Iowa, F. T. Suit, care Boeck & Co.

Burlington, Vt., R. O. Brock, care Burlington Rendering Co.

Cairo, Ill., J. B. Reidy, care E. Bucher Packing Co.

Canajoharie, N. Y., Edward J. Burns, care Beechnut Packing Co.

Cedar Rapids, Iowa, T. A. Shipley, care T. M. Sinclair & Co. (Ltd.).

Charleston, Tenn., S. L. Bond, care J. C. Palmer.

Chattanooga, Tenn., William Richards, care Creelman Packing Co.

Chester, Pa., George H. Woolfolk, 34 W. Second street.

Cheyenne, Wyo., A. N. Irwin, care Hammond Packing Co.

Chicago, Ill., S. E. Bennett, room 316 Exchange Building.

Cincinnati, Ohio, E. L. Bertram, care Union Stock Yards Co.

Claremont, N. H., M. H. Davitt, care Denison Bros.

Cleveland, Ohio, E. P. Schaffter, 743 Society for Savings Building.

Columbus, Ohio, L. P. Beechy, care Columbus Packing Co.

Corning, N. Y., Ben. Howes, care The T. H. Wheeler Co.

Inspectors in charge—Continued.

- Cortland, N. Y., F. I. Winant, care Cortland Beef Co.
- Dallas, Tex., P. R. Hopkins, care Armstrong Refining Co.
- Davenport, Iowa, E. K. Ward, care Henry Kohrs Packing Co.
- Dayton, Ohio, G. E. Repp, care The Henry Burkhardt Packing Co.
- Decatur, Ind., G. W. Knorr, care The Decatur Packing Co.
- Denver, Colo., Herman Busman, room 311 Live Stock Exchange.
- Des Moines, Iowa, Chester Miller, care The Agar Packing Co.
- Detroit, Mich., L. K. Green, 707 Hammond Building.
- Dubuque, Iowa, W. C. Bower, care Dubuque Packing Co.
- Duluth, Minn., Howard Baker, care Elliott & Co.
- Eau Claire, Wis., William Fotheringham, care The Drummond Packing Co.
- El Paso, Tex., T. A. Bray, care Swift & Co.
- Evansville, Ind., Louis Metsker, care The Evansville Packing Co.
- Fall River, Mass., H. B. Herrick, care Butchers' Rendering Co.
- Fergus Falls, Minn., A. C. Walls, care Fergus Packing Co.
- Fort Atkinson, Wis., R. N. Mead, care Jones Dairy Farm.
- Fort Madison, Iowa, J. G. Hope, care Charles Wissmath & Son Packing Co.
- Fort Wayne, Ind., O. W. Snyder, care Fred Eckart Packing Co.
- Fort Worth, Tex., A. H. Wallace, room 113 Live Stock Exchange, Stock Yards Station.
- Greeneville, Tenn., care Greeneville Packing Co.
- Greenville, Tex., W. F. McCarty, care Texas Refining Co.
- Hamilton, Ohio, H. M. Newton, care George Rupp & Co.
- Harrisburg, Pa., D. C. Burnett, care The Brelsford Packing and Storage Co.
- Hartford, Conn., W. E. Jennings, care Armour & Co.
- Haverhill, Mass., H. Q. Thompson, care E. H. Moulton.
- Houston, Tex., C. F. Palmer, care Houston Packing Co.
- Hudson, N. Y., Louis Garbi, care C. A. Van Deusen Co.
- Indianapolis, Ind., N. C. Sorensen, care Kingan & Co.
- Jacksonville, Ill., D. R. Gillies, care Jacksonville Packing Co.
- Jefferson, Wis., George Jerome, care C. Stoppenbach's Sons.
- Jersey City, N. J., Julius Huelsen, 76 Montgomery street.
- Kansas City, Kans., L. R. Baker, room 332 Live Stock Exchange.
- Knoxville, Tenn., J. V. Hills, care Ignaz Fanz.
- La Crosse, Wis., Henry Roome, care Langdon-Boyd Packing Co.
- La Fayette, Ind., J. E. Cloud, care Dryfus Packing and Provision Co.
- Lewiston, Idaho, L. C. Henderson, care Schaefer Packing Co.
- Logansport, Ind., L. A. Licking, care W. C. Routh.
- Los Angeles, Cal., A. E. Rishel, P. O. Box 471, Station C.
- Louisville, Ky., G. W. Butler, Bank Building, cor. Main and Johnson streets.
- Macon, Ga., Art. Flory, care McCaw Manufacturing Co.
- Madison, Ind., J. B. Hollenbeck, care The Pearl Packing Co.
- Manchester, N. H., John Hurley, care Manchester Rendering Co.
- Mankato, Minn., H. H. Dell, care Macbeth & Gardner Co.
- Marshalltown, Iowa, George D. Painter, care Brittain & Co.
- Mason City, Iowa, Robert Jay, care Jacob E. Decker & Sons.
- Memphis, Tenn., W. S. Tindall, care Swift & Co.
- Milwaukee, Wis., H. N. Waller, room 432 Federal Building.
- Morristown, Tenn., E. H. Baumann, care F. T. Nance & Co.
- Nashville, Tenn., W. B. Lincoln, care Neuhoff Abattoir and Packing Co.
- National Stock Yards, East St. Louis, Ill., J. B. Clancy, National Stock Yards.
- Nebraska City, Nebr., G. T. Irons, care Morton-Gregson Co.
- Newark, N. J., A. F. Martins, room 301 Union Building, 9-15 Clinton street.

Inspectors in charge—Continued.

- New Haven, Conn., Albert Long, care Sperry & Barnes Co.
- New Orleans, La., C. E. Mauldin, room 710 Machecca Building, 830 Canal street.
- New York, N. Y., U. G. Houck, 104 W. 42d street.
- Ogden, Utah, D. M. Woollen, care Ogden Packing and Provision Co.
- Oklahoma, Okla., Elisha Myer, care Max Hahn Packing Co.
- Olathe, Kans., J. L. Otterman, care Ostrander, Nichols & Hershey.
- Ottumwa, Iowa, Joshua Miller, care John Morrell & Co.
- Paris, Ill., A. R. Koen, care Steidl Bros.
- Paterson, N. J., N. L. Townsend, 603 United Bank Building.
- Peoria, Ill., I. K. Atherton, care E. Godel & Sons.
- Philadelphia, Pa., C. A. Schaufler, 405 Post-Office Building.
- Pittsburg, Kans., J. G. Eagle, care The Stanton & Lindburg Packing Co.
- Pittsburg, Pa., F. W. Ainsworth, Union Stock Yards.
- Port Huron, Mich., A. M. Casper, care Huron Packing Co.
- Portland, Me., F.W. Huntington, Grand Trunk Railway Building, 1 India street.
- Portland, Oreg., E. C. Joss, room 402 Custom-House.
- Pottsville, Pa., A. E. Luks, care Jacob Ulmer Packing Co.
- Providence, R. I., H. M. Smith, room 615 Banigan Building.
- Pueblo, Colo., T. S. Rich, care The Nuckolls Packing Co.
- Quincy, Ill., J.S. Kelly, care Blomer & Michael Co.
- Reno, Nev., E. A. Bundy, care Nevada Packing Co.
- Richmond, Ind., C. O. Wagoner, care Richmond Abattoir Co.
- Richmond, Va., H. K. Walter, 24 Shafer Building.
- Rochester, N. Y., P. W. Campbell, care Curtice Bros. Co.
- Saegertown, Pa., J. E. Spindler, care E. J. Ward.
- St. Louis, Mo., J. J. Brougham, 924-925 Chemical Building, 8th and Olive streets.
- San Antonio, Tex., John A. Sloan, care Union Meat Co.
- San Diego, Cal., Robert Darling, care Charles S. Hardy.
- San Francisco, Cal., G. S. Baker, rooms 407-408 Post-Office Building.
- Savannah, Ga., James Gibson, P. O. Box 431.
- Scranton, Pa., N. K. Fegley, care The Stowers Pork Packing and Provision Co.
- Seattle, Wash., O. B. Hess, room 15 Maynard Building.
- Sherman, Tex., H. M. Crow, care Sherman Cotton Oil Provision Co.
- Sioux City, Iowa, G. A. Johnson, Exchange Building.
- South Bellingham, Mass., James H. McDonough, P. O. Box 52, Woonsocket, R. I.
- Southboro, Mass., W. M. Balmer, care Deerfoot Farm.
- South Omaha, Nebr., D. C. Ayer, Post-Office Building.
- South St. Joseph, Mo., H. H. George.
- South St. Paul, Minn., F. D. Ketchum.
- Spokane, Wash., C. W. Deming, care E. H. Stanton Co.
- Springfield, Ohio, C. J. Morrow, care J. Leuty's Sons.
- Syracuse, N. Y., Jas. F. Hughes, care Merrell-Soule Co.
- Tacoma, Wash., M. S. Lantz, care Carstens Packing Co.
- Toledo, Ohio, S. W. Burt, care Zehner Bros. Packing Co.
- Topeka, Kans., F. L. De Wolf, care Chas. Wolff Packing Co.
- Trenton, N. J., R. H. Thomas, care Trenton Abattoir Co.
- Troy, N. Y., D. G. Shumway, care Edward Lusch.
- Walla Walla, Wash., H. B. Chaney, care Walla Walla Meat and Cold Storage Co.
- Washington, D. C., T. H. McKeown, 902 Pennsylvania avenue NW.
- Waterloo, Iowa, T. H. Scott, care Rath Packing Co.
- Webster, Mass., W. M. Ashcroft, care E. S. Fournier.

Inspectors in charge—Continued.

West Newbury, Mass., J. J. Smart, care G. G. Carr.

Wheeling, W. Va., A. L. Hirleman, care F. Shenk's Sons Co.

Whitesburg, Tenn., care J. A. Cox.

Wichita, Kans., W. N. Neil, 2200 North Lawrence avenue.

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Winona, Minn., W. J. Fretz, care Interstate Packing Co.

Worcester, Mass., M. T. Perry, care White, Pevey & Dexter Co.

Field Inspection.

Lowell Clarke, room 320 Quincy Building, Denver, Colo., in charge of field inspection in Colorado, Nebraska, and Wyoming.

Albert Dean, room 328 Live Stock Exchange, Kansas City, Kans., in charge of field inspection in Kansas, Missouri, Oklahoma, Texas, and Arkansas, and the importation of animals from Mexico.

George S. Hickox, room 21 Eagle Block, Salt Lake City, Utah, in charge of field inspection in California, Nevada, and Utah.

Hazen H. Hicks, same address, assistant inspector in charge.

Marion Imes, room 208 Occidental Building, Albuquerque, N. Mex., in charge of field inspection in Arizona and New Mexico.

S. W. McClure, 844 Main street, rooms 6 and 7, Pendleton, Oreg., in charge of field inspection in Idaho, Oregon, and Washington.

R. H. Treacy, 222 Main street, Bismarck, N. Dak., in charge of field inspection in Montana, North Dakota, and South Dakota.

Tick Eradication.*Inspectors in charge.*

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Albert Dean, room 328 Live Stock Exchange, Kansas City, Kans., in charge of Texas, Oklahoma, Arkansas, and Missouri.

C. E. Mauldin, room 710 Macheca Building, 830 Canal street, New Orleans, La., in charge of Louisiana.

W. P. Ellenberger, room 215 Federal Building, Nashville, Tenn., in charge of Kentucky, Tennessee, Alabama, and Mississippi.

A. J. Payne, room 1526 Candler Building, Atlanta, Ga., in charge of Georgia and South Carolina.

J. A. Kiernan, P. O. Box 504, Raleigh, N. C., in charge of North Carolina and Virginia.

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Assistant Chief, C. B. LANE.

Librarian: Miss C. B. Sherman.

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B. H. Rawl in charge.

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Dairy records: Wm. Hart Dexter, assistant dairyman.

Dairy products investigations.

L. A. ROGERS in charge.

Butter: John L. Sherk, expert; W. S. Smarzo and P. H. Keiffer, collaborators.*Cheese:* C. F. Doane, A. W. Dox, and Charles Thom, assistant dairymen; T. W. Issajeff, expert cheese maker; J. W. Moore, F. R. Thomson, experts in dairying; S. K. Suzuki, collaborator; L. D. Bushnell, expert in dairy bacteriology.*Milk secretion:* R. H. Shaw, assistant dairyman; A. E. Perkins, scientific assistant; A. H. Douglass, assistant chemist; J. O. Halverson, expert in dairy chemistry.*Milk:* L. A. Rogers, bacteriological chemist; C. R. Potteiger, dairy bacteriologist.*Organization and management investigations.**Creameries, drafting and designing:* B. D. White, assistant dairyman, in charge; C. W. Fryhofer, scientific assistant; H. J. Credicott and J. G. Winkjer, assistant dairymen; Robert McAdam, inspector; K. E. Parks, architect.*Market milk service:* C. B. Lane, assistant chief, in charge; G. M. Whitaker, dairy inspector; Ivan C. Weld, assistant dairyman.*Renovated butter inspection.**M. W. Lang*, dairy inspector, in charge, 22 Fifth avenue, room 510, Chicago, Ill., Levi Wells, dairy inspector, 6 Harrison street, New York, N. Y.; S. B. Willis and H. P. Olsen, duputy inspectors.*Offices and laboratories outside of Washington.**New York office.*—No. 6 Harrison street, C. W. Fryhofer in charge.*Chicago office.*—No. 22 Fifth avenue, room 510, M. W. Lang in charge.*Soft cheese laboratories:* Madison, Wis., in cooperation with Wisconsin Experiment Station, Charles Thom in charge.*Cheddar cheese laboratories:* Madison, Wis., in cooperation with Wisconsin Experiment Station, Director of Station in charge.*Milk secretion laboratories:* Columbia, Mo., in cooperation with Missouri Experiment Station, R. H. Shaw in charge.*Swiss cheese laboratories:* Albert Lea, Minn., in cooperation with Minnesota Experiment Station, C. F. Doane in charge.*Butter investigations laboratory:* Albert Lea, Minn., in cooperation with Minnesota Experiment Station, J. L. Sherk in charge.**BIOCHEMIC DIVISION.****Chief, M. DORSET.****Assistant Chief, JAMES A. EMERY.***Meat inspection laboratories:* Central laboratory, T. M. Price in charge; Philip Castleton, E. H. Ingersoll, F. D. Hardesty, A. V. Fuller, E. J. Ralph, assistants. Chemists in branch laboratories: Ralph Hoagland, A. E. Graham, C. H. Swanger, A. H. Roop, W. B. Smith, E. A. Boyer, Clarence T. N. Marsh, W. P. Colvin, W. C. Powick.*Hog cholera investigations:* In charge of Chief of Division; C. N. McBryde, bacteriologist; W. B. Niles, inspector in charge of field experiments; Frank W. Tilley, assistant bacteriologist.*Bacteriological investigations of meat food products:* C. N. McBryde, bacteriologist in charge.*Investigations of dips and disinfectants:* Robert M. Chapin, chemist; C. N. McBryde, bacteriologist; A. M. West, assistant bacteriologist; J. B. Munroe, assistant chemist.*Preparation of tuberculin and mallein:* In charge of Chief of Division; A. M. West and H. J. Shore, assistant bacteriologists; W. S. Stamper, H. S. McAuley, Roy E. Burnett, assistants.

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Investigations concerning diseases of poultry and cold-blooded animals: George Byron Morse in charge.

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Assistant in bacteriology: Rosslyn J. Stafford.

Scientific assistant: Frank L. Rector.

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Minnesota.—Investigations relative to hemorrhagic septicemia, malignant catarrh of cattle, and cerebro-spinal meningitis: Charles F. Flocken in charge.

Rhode Island.—Investigation relative to blackhead in turkeys: Leon J. Cole in charge.

South Carolina.—Investigations relative to Texas fever: Louis A. Klein in charge.

Utah.—Investigations relative to bighead in sheep: H. J. Frederick in charge.

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Athenia, N. J., for the port of New York, George W. Pope, superintendent.

Halethorp, Md., for the port of Baltimore, H. A. Hedrick, inspector in charge, 215 St. Paul street, Baltimore.

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St. Albans, Richford, Swanton, and Alburg, Vt., C. L. Morin, St. Albans.

Rouses Point, Mooers Junction, Chateaugay, and Fort Covington, N. Y., H. D. Mayne, Malone.

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Port Huron, Mich., David Cumming.

Sault Ste. Marie, J. F. Deadman.

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Nogales, Ariz., Levi E. Johnson.

El Paso, Tex., Thomas A. Bray.
 Eagle Pass, Tex., George W. Browning.
 Seattle and Tacoma, Wash., O. B. Hess, room 15 Maynard Building, Seattle.
 Portland, Oreg., E. C. Joss, room 402, custom-house.
 San Francisco, Cal., George S. Baker, rooms 407-408, Post Office Building.
 New Orleans, La., C. E. Mauldin, room 710 Macheca Building, 830 Canal street.

Inspectors in charge of inspection of export animals for ocean shipment and inspection of vessels.

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 Boston, Mass., J. F. Ryder, 141 Milk street.
 New York, N. Y., W. H. Rose, 18 Broadway.
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 Norfolk and Newport News, Va., George C. Faville, P. O. Box 796, Norfolk.

Special investigations of diseases of horses and other live stock.

E. T. Davison, inspector in charge, Helena, Mont.

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DIVISION OF ZOOLOGY.

Chief, B. H. RANSOM.

Scientific assistants: Albert Hassall, Harry W. Graybill, Maurice C. Hall, S. H. Shawhan.

Cooperative experiments.

South Dakota.—Sheep scab investigations, in cooperation with the South Dakota Experiment Station, Chief of Division in charge.

Alabama.—Cattle tick investigations, in cooperation with the Alabama Agricultural Experiment Station and the Live Stock Sanitary Board, Harry W. Graybill in charge, W. M. Lewallen, assistant.

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Bethesda, Md.

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Assistant Superintendent, W. E. COTTON.

Assistant: George W. Brett.

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Assistant Animal Husbandman, G. ARTHUR BELL.

Animal breeding investigations: Animal Husbandman in charge; E. H. Riley, assistant.

Animal nutrition investigations: H. P. Armsby, expert in charge; J. A. Fries, W. W. Braman, and F. W. Christensen, assistants.

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Hog investigations: Assistant Animal Husbandman in charge; L. R. Davies, assistant.

Horse breeding investigations: Animal Husbandman in charge; W. L. Carlyle, expert in charge of Colorado work; W. F. Hammond, expert superintendent of Morgan Horse Farm, Middlebury, Vt.

Milking Shorthorn investigations: Animal Husbandman in charge; D. A. Gaumnitz, expert assistant in Minnesota work.

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